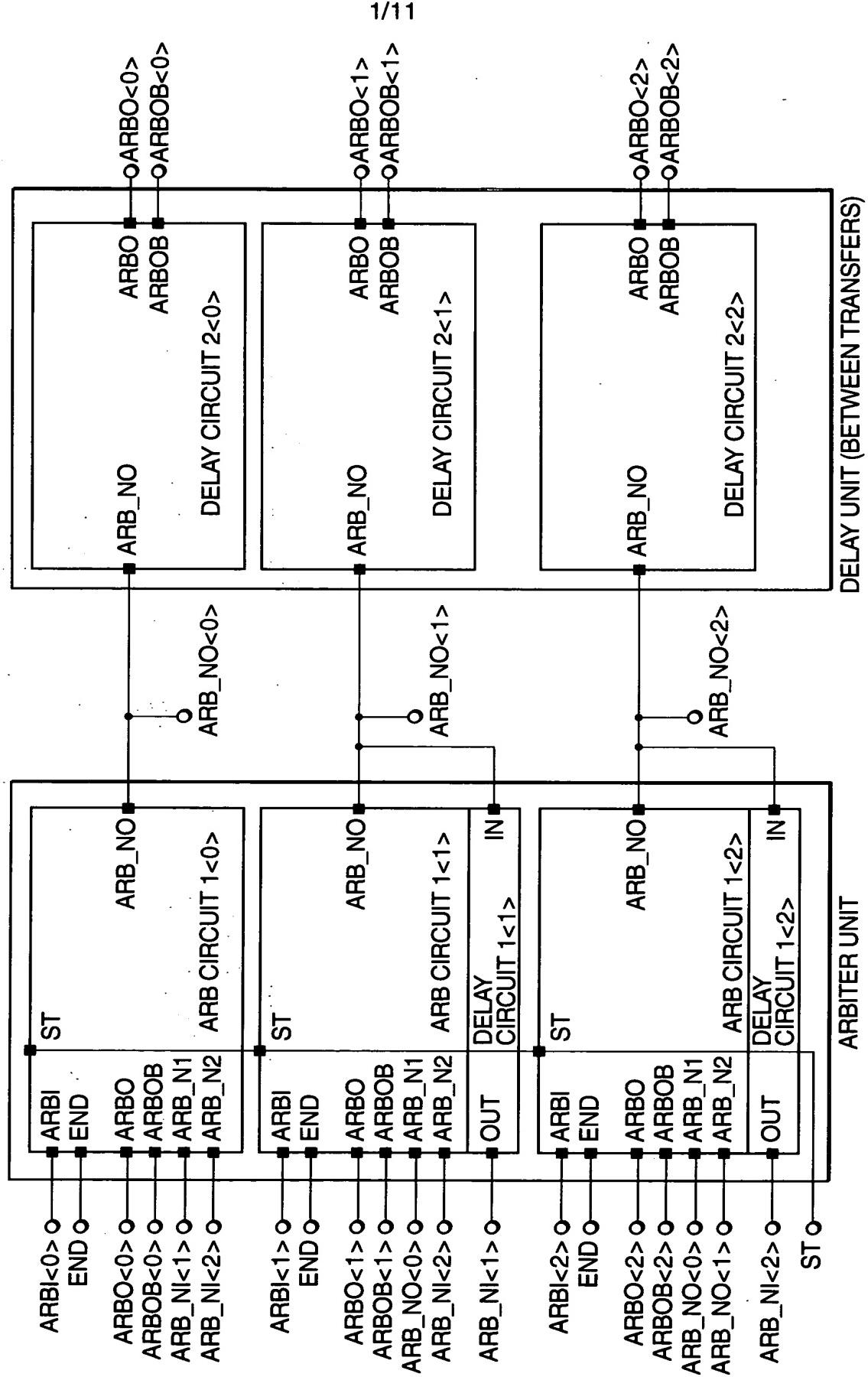


FIG.1
(PRIOR ART)



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FIG. 2
(PRIOR ART)

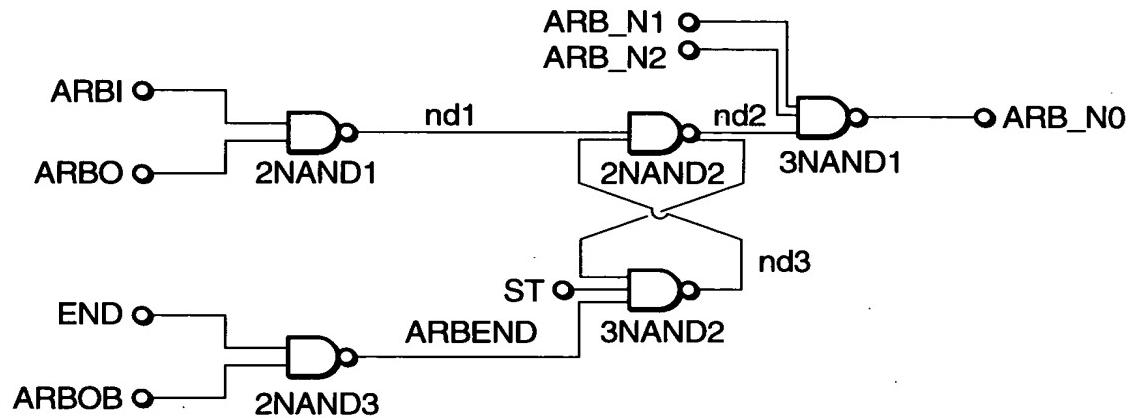
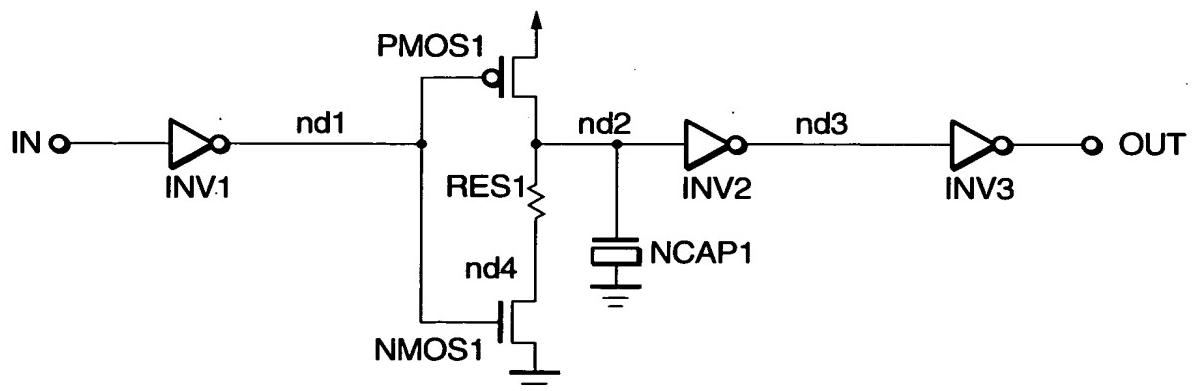


FIG. 3
(PRIOR ART)



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FIG. 4
(PRIOR ART)

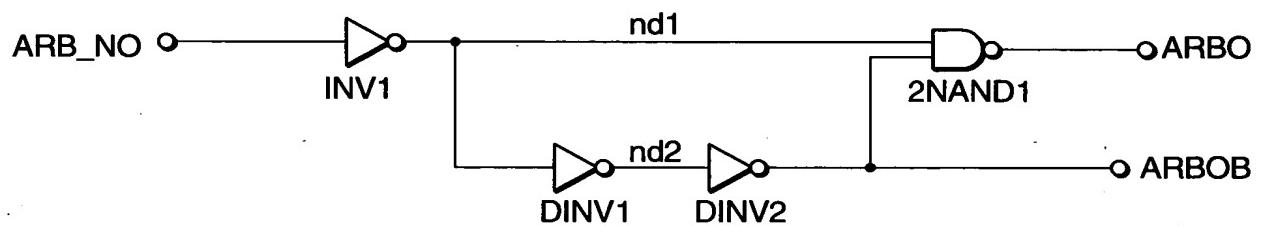
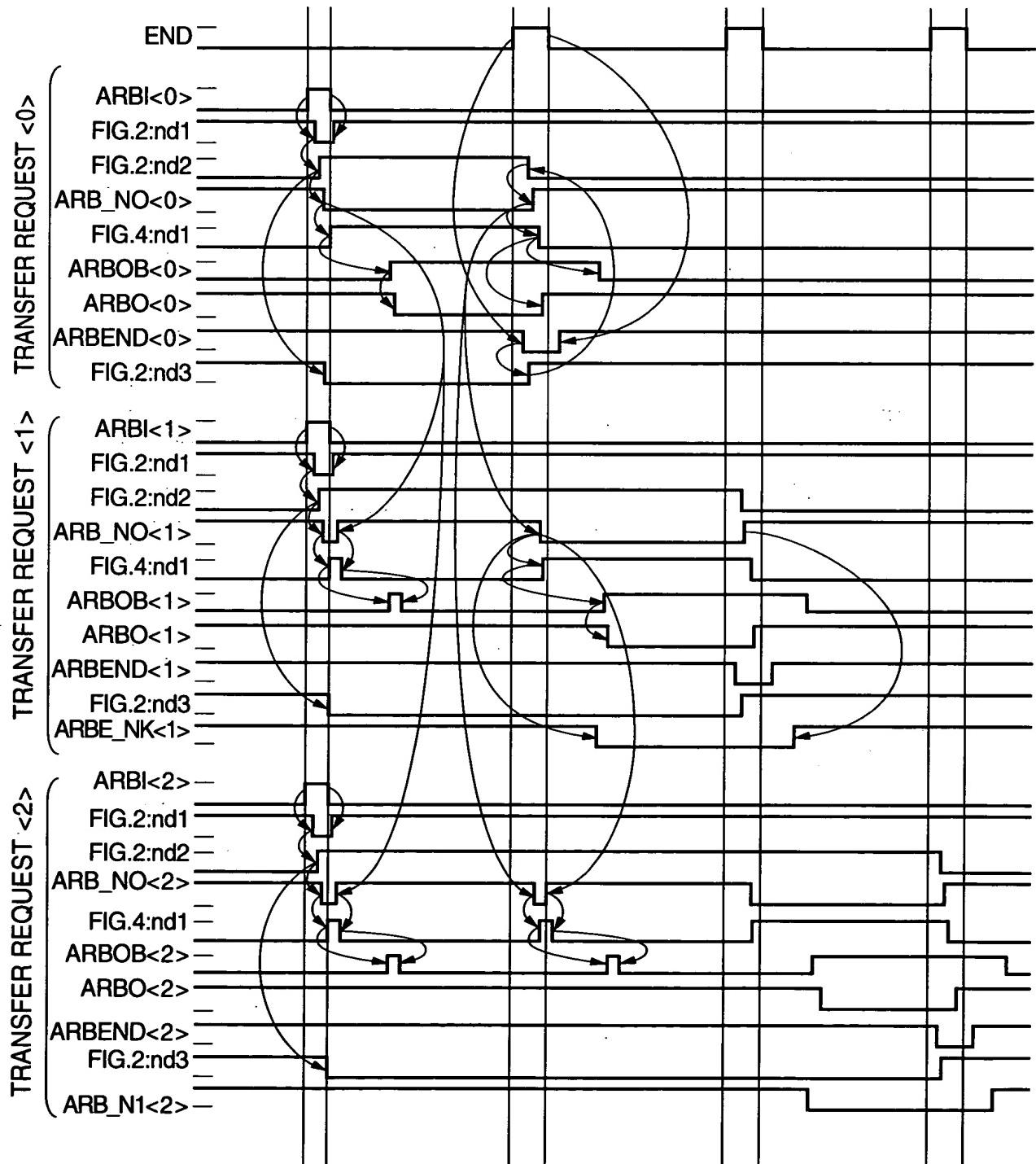
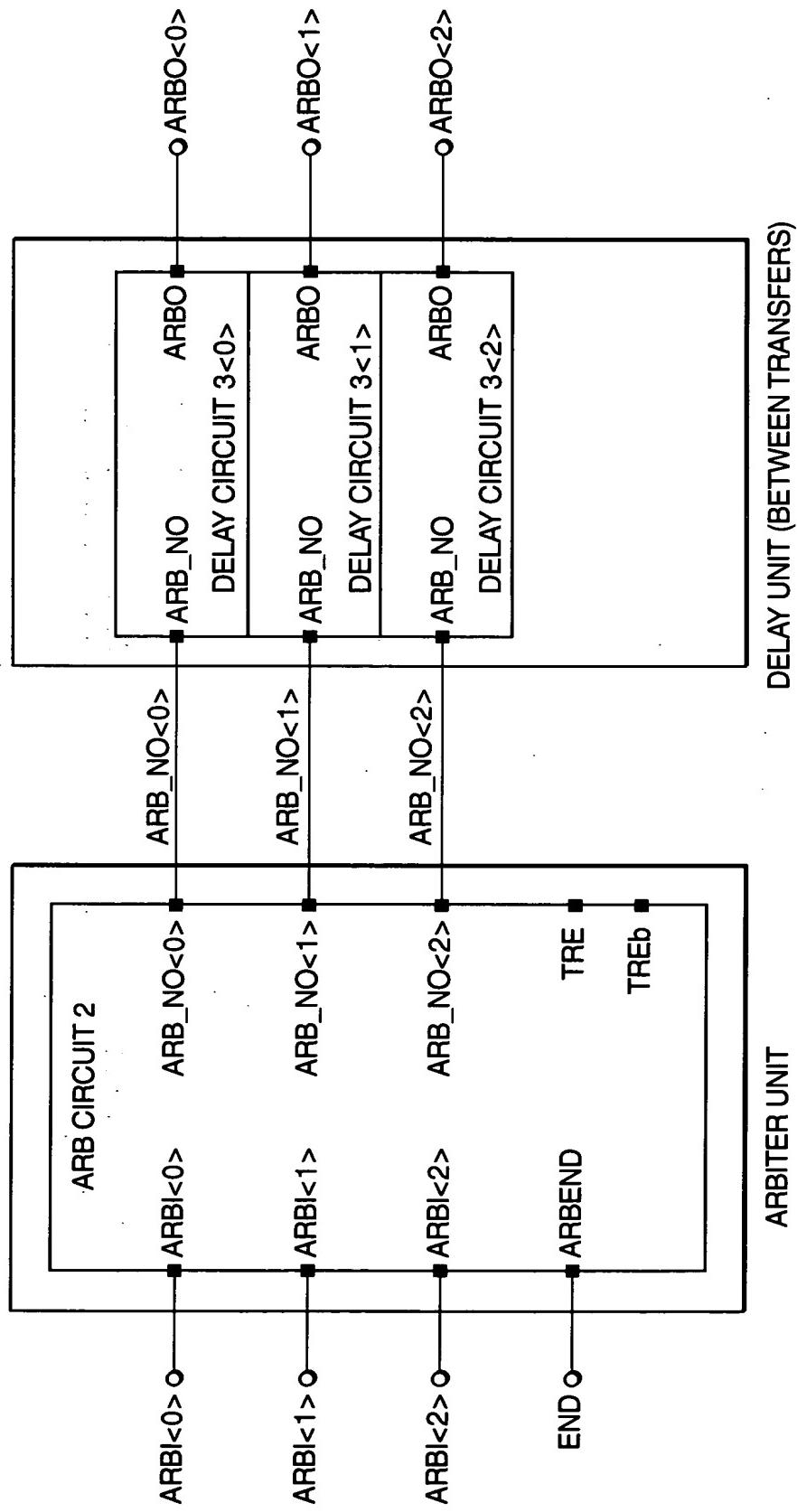


FIG. 5
(PRIOR ART)



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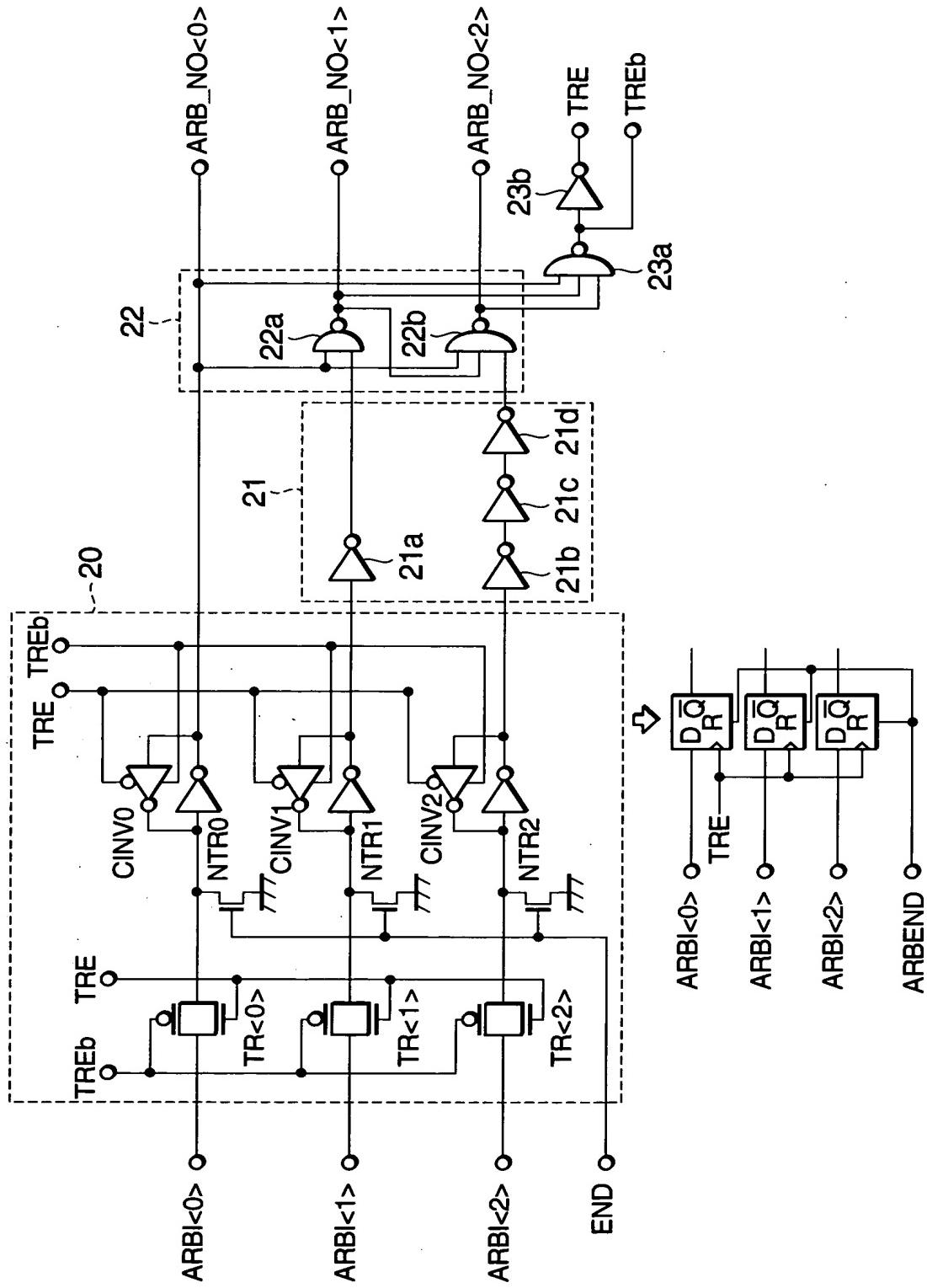
FIG. 6



DELAY UNIT (BETWEEN TRANSFERS)

ARBITER UNIT

FIG. 7



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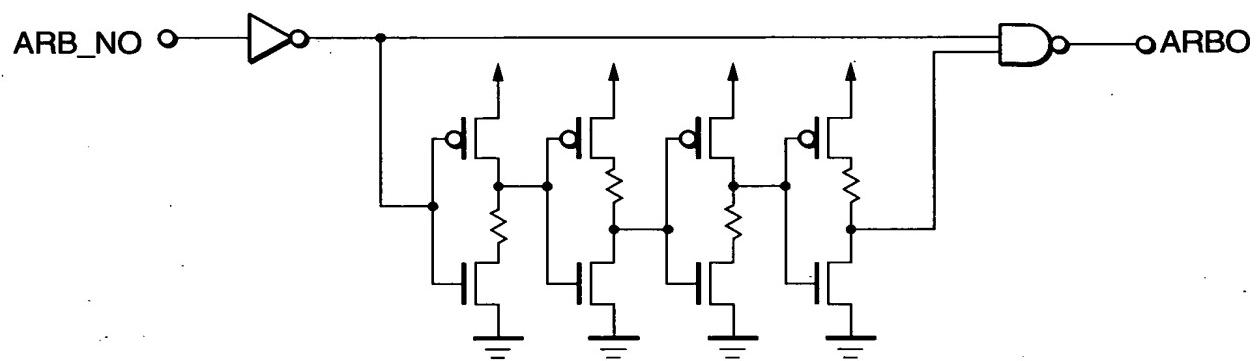
FIG. 8

FIG. 9

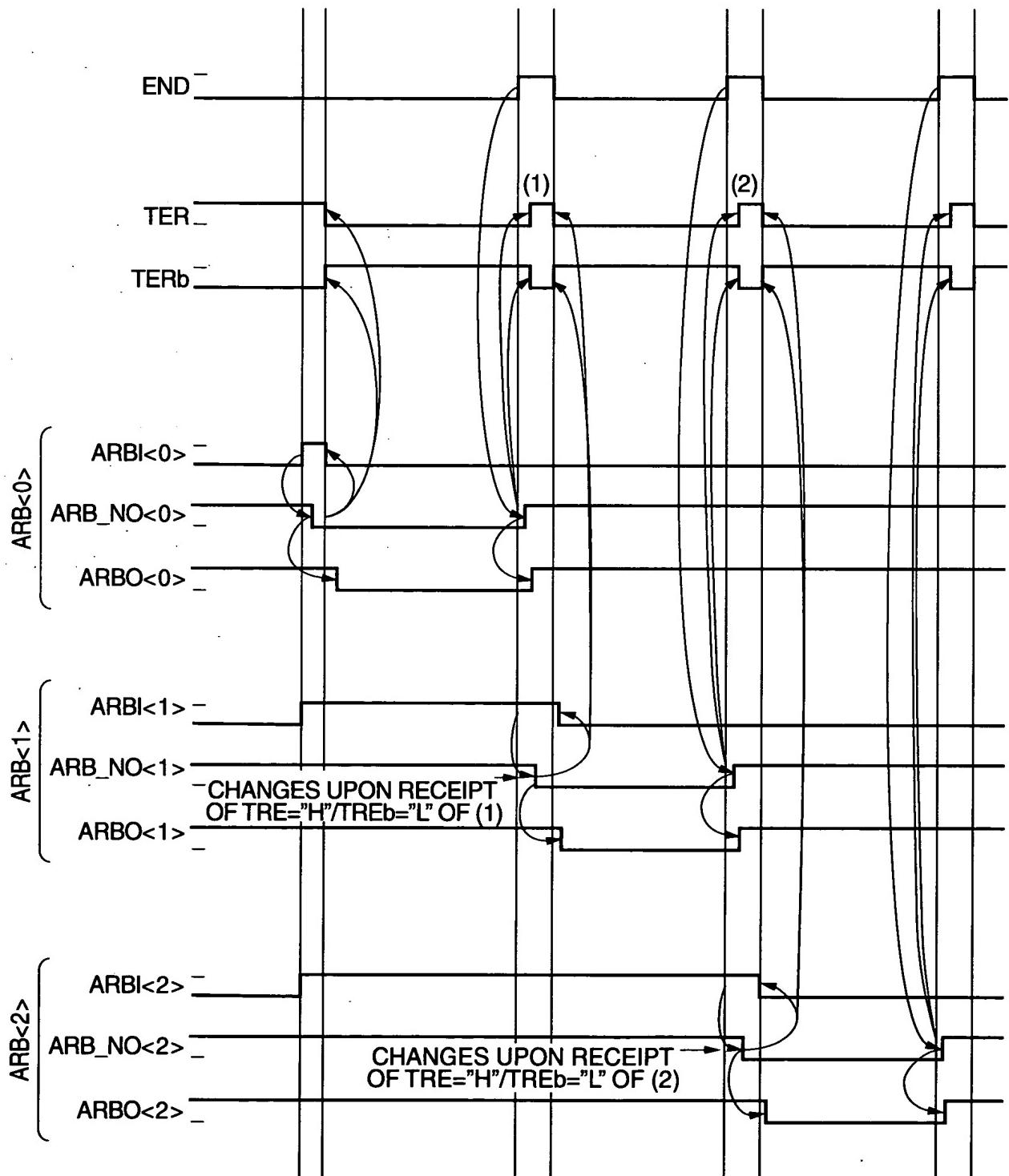
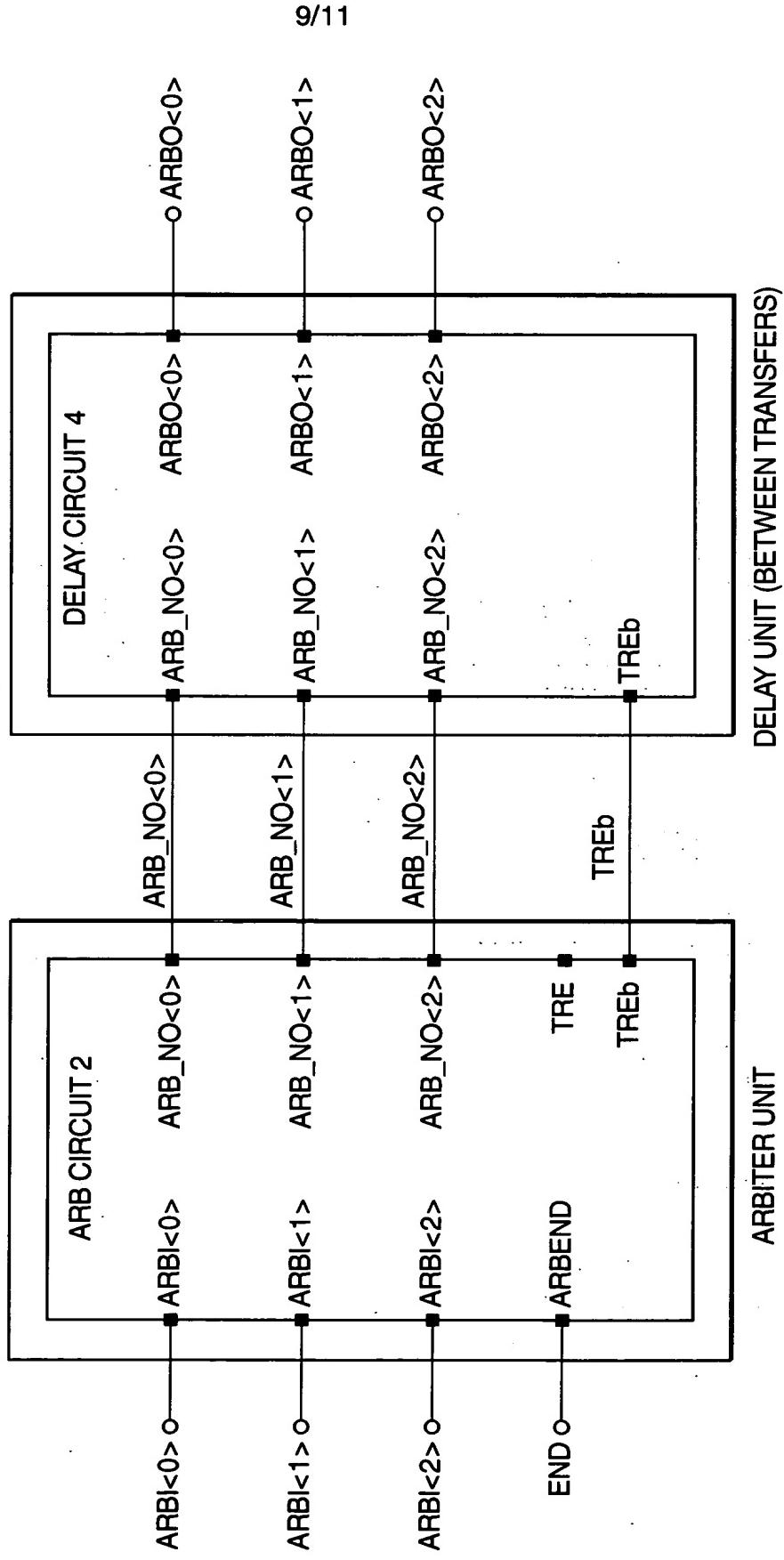
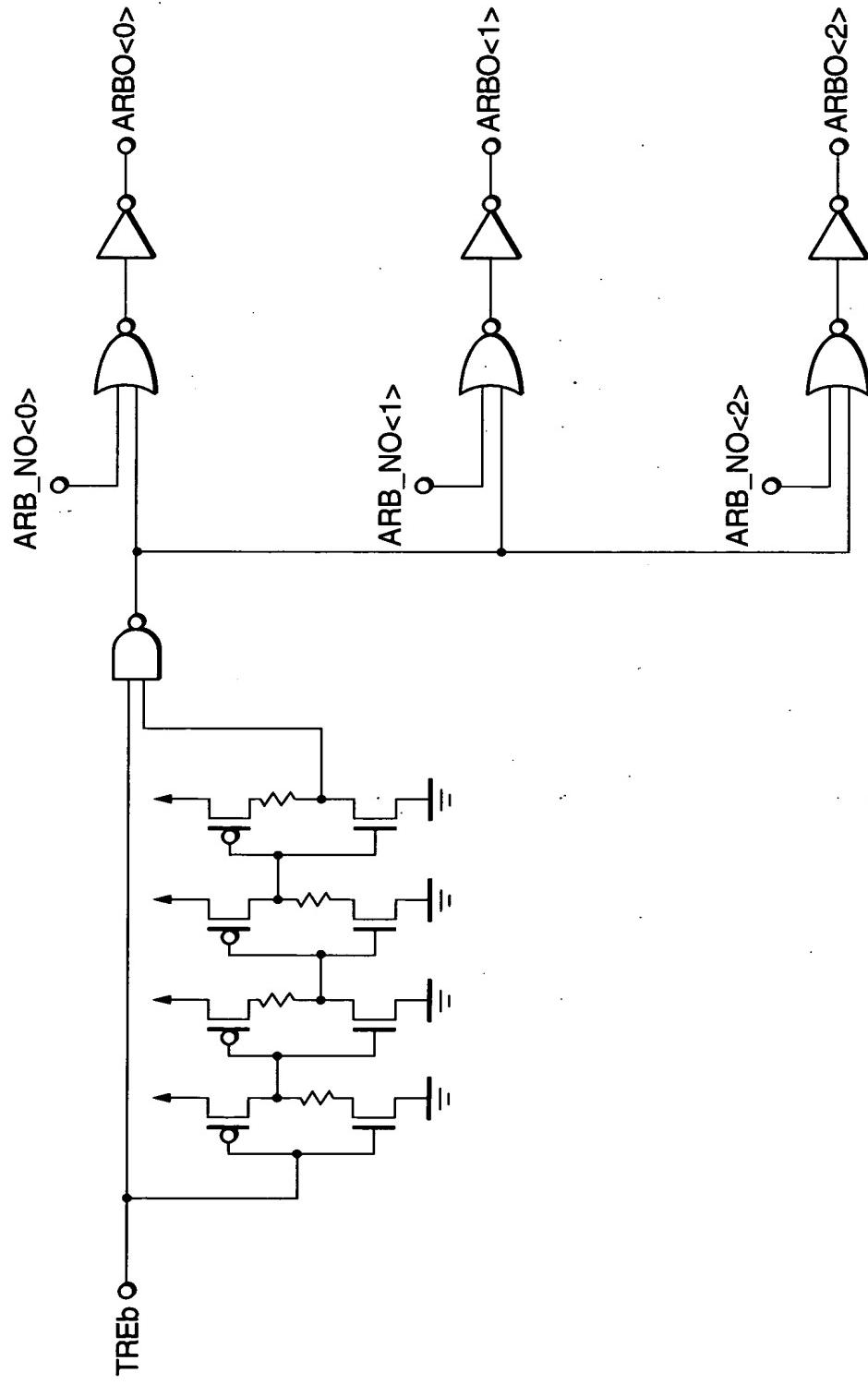


FIG. 10



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FIG. 11



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FIG. 12

